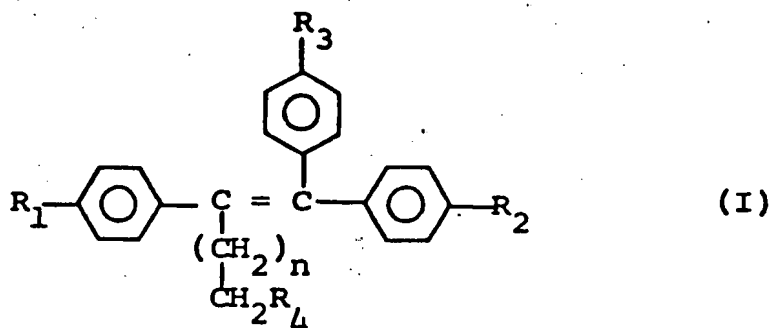


TITLE OF THE INVENTION

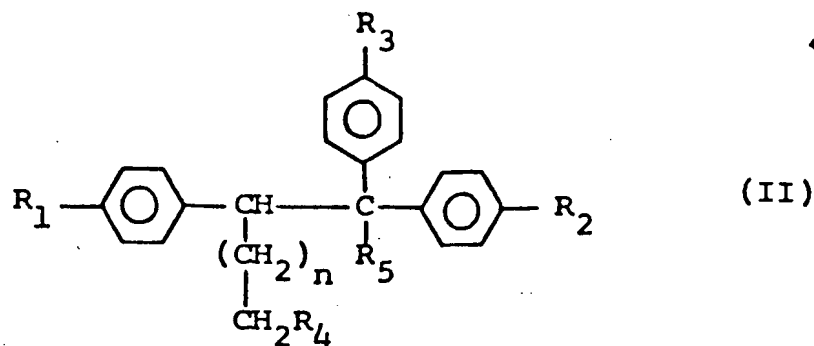
"NOVEL TRI-PHENYL ALKANE AND ALKENE DERIVATIVES AND THEIR PREPARATION AND USE"

ABSTRACT OF THE DISCLOSURE

The invention provides novel compounds of the formula:

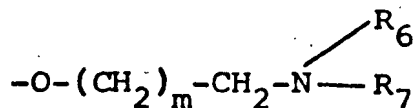


and

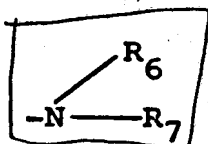


P5 wherein n is 0 to 4, R₁ and R₂, which can be the same or different are H, OH, alkoxy of 1 to 4 carbon atoms, benzyloxy or methoxymethoxy; R₃ is H, OH, halogen, alkoxy of 1 to 4 carbon atoms, benzyloxy, methoxymethoxy, 2,3-dihydroxypropoxy or

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PS

can form an N-containing three-, four-, five- or six-membered heterocyclic ring; R_4 is OH, F, Cl, Br, I, mesyloxy, tosyloxy, alkylcarbonyloxy of 1 to 4 C-atoms, formyloxy or CH_2R_4 is replaced by CHO; R_5 is H or OH; or R_4 and R_5 together form an $-O-$ bridge between the carbon atoms to which they are attached, and their non-toxic pharmaceutically acceptable salts and esters and mixtures thereof. Processes for the preparation of these compounds are described, and also novel pharmaceutical compositions containing them. These compounds exhibit valuable pharmacological properties as estrogenic, anti-estrogenic, and progestanic agents. They are also effective against oestrogen-dependent tumours. Certain compounds are useful as chemical intermediates for the preparation of pharmacologically active compounds of the invention.